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NEWS 4 AUG 24 ENCOMPPLIT/ENCOMPPLIT2 reloaded and enhanced
NEWS 5 AUG 24 CA/Caplus enhanced with legal status information for U.S. patents
NEWS 6 SEP 09 50 Millionth Unique Chemical Substance Recorded in CAS REGISTRY
NEWS 7 SEP 11 WPIDS, WPINDEX, and WPIX now include Japanese FTERM thesaurus
NEWS 8 OCT 21 Derwent World Patents Index Coverage of Indian and Taiwanese Content Expanded
NEWS 9 OCT 21 Derwent World Patents Index enhanced with human translated claims for Chinese Applications and Utility Models

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=> file caplus
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FILE 'CAPLUS' ENTERED AT 11:31:20 ON 21 OCT 2009
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FILE COVERS 1907 - 21 Oct 2009 VOL 151 ISS 17

FILE LAST UPDATED: 20 Oct 2009 (20091020/ED)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

CAPLUS now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

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<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> s us20070197759/pn
L1           1 US20070197759/PN

=> d all 11
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L1   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2009 ACS on STN
AN  2005:1026976  CAPLUS
DN  143:326777
ED  Entered STN: 23 Sep 2005
TI  Catalysts for production of polyisocyanates containing isocyanurate groups
   by partial trimerization of (cyclo)aliphatic diisocyanates
IN  Binder, Horst; Graf, Hubert; Braun, Frank; Spies, Bernd; Kieslich,
   Heinrich
PA  BASF Aktiengesellschaft, Germany
SO  PCT Int. Appl., 25 pp.
CODEN: PIXXD2
DT  Patent
LA  German
IC  ICM C08G018-02
   ICS C08G018-79
CC  35-3 (Chemistry of Synthetic High Polymers)
   Section cross-reference(s): 42, 67
FAN.CNT 1
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	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005087828	A1	20050922	WO 2005-EP2483	20050309
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,			

EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
 RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
 MR, NE, SN, TD, TG
 DE 102004012571 A1 20050929 DE 2004-102004012571 20040312
 EP 1727842 A1 20061206 EP 2005-715873 20050309
 EP 1727842 B1 20081217
 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR
 CN 1930200 A 20070314 CN 2005-80007924 20050309
 JP 2007528885 T 20071018 JP 2007-502286 20050309
 AT 417876 T 20090115 AT 2005-715873 20050309
 US 20070197759 A1 20070823 US 2006-589659 20060816 -->
 PRAI DE 2004-102004012571 A 20040312
 WO 2005-EP2483 W 20050309

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
WO 2005087028	ICM	C08G018-02
	ICS	C08G018-79
	IPCI	C08G0018-02 [ICM, 7]; C08G0018-79 [ICS, 7]; C08G0018-00 [ICS, 7,C*]
	IPCR	C08G0018-00 [I,C*]; C08G0018-02 [I,A]; C08G0018-08 [I,A]; C08G0018-18 [I,A]; C08G0018-79 [I,A]
	ECLA	C08G018/02D; C08G018/08M; C08G018/18R
DE 102004012571	IPCI	C08G0018-02 [ICM, 7]; C08G0018-00 [ICM, 7,C*]; B01J0031-04 [ICS, 7]
	IPCR	C08G0018-00 [I,C*]; C08G0018-02 [I,A]; C08G0018-08 [I,A]; C08G0018-18 [I,A]; C08G0018-79 [I,A]
	ECLA	C08G018/02D; C08G018/08M; C08G018/18R
EP 1727842	IPCI	C08G0018-02 [I,A]; C08G0018-79 [I,A]; C08G0018-00 [I,C]; C08G0018-00 [I,C]; C08G0018-02 [I,A]; C08G0018-08 [I,A]; C08G0018-18 [I,A]; C08G0018-79 [I,A]
	IPCR	C08G0018-00 [I,C]; C08G0018-02 [I,A]; C08G0018-08 [I,A]; C08G0018-18 [I,A]; C08G0018-79 [I,A]
	ECLA	C08G018/02D; C08G018/08M; C08G018/18R
CN 1930200	IPCI	C08G0018-02 [I,A]; C08G0018-79 [I,A]; C08G0018-00 [I,C*]
	IPCR	C08G0018-00 [I,C]; C08G0018-02 [I,A]; C08G0018-08 [I,A]; C08G0018-18 [I,A]; C08G0018-79 [I,A]
	ECLA	C08G018/02D; C08G018/08M; C08G018/18R
JP 2007528885	IPCI	C07D0251-34 [I,A]; C07D0251-00 [I,C*]; C08G0018-02 [I,A]; C08G0018-00 [I,C*]; C07B0061-00 [N,A]
	IPCR	C07D0251-00 [I,C]; C07D0251-34 [I,A]; C07B0061-00 [N,C]; C07B0061-00 [N,A]; C08G0018-00 [I,C]; C08G0018-02 [I,A]; C08G0018-08 [I,A]; C08G0018-18 [I,A]; C08G0018-79 [I,A]
	ECLA	C08G018/02D; C08G018/08M; C08G018/18R
	FTERM	4H039/CA42; 4H039/CL10; 4J034/AA04; 4J034/HC35; 4J034/KA01
AT 417876	IPCI	C08G0018-00 [I,C]; C08G0018-02 [I,A]; C08G0018-79 [I,A]; C08G0018-00 [I,C]; C08G0018-02 [I,A]; C08G0018-08 [I,A]; C08G0018-18 [I,A]; C08G0018-79 [I,A]
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	ECLA	C08G018/02D; C08G018/08M; C08G018/18R
US 20070197759	IPCI	C08G0018-81 [I,A]; C08G0018-00 [I,C*]
	NCL	528/045.000; 540/202.000

OS MARPAT 143:326777

AB The title catalysts, giving essentially colorless products with good quality and reproducibility, are quaternary ammonium α -hydroxycarboxylates of specified structure. Stirring 100 g HMDI with 50 ppm tetramethylammonium 2-hydroxypropionate at 80° for 30 min (NCO value 27%), terminating reaction with bis(2-ethylhexyl) phosphate, and thin-film stripping at 140° gave a product with NCO value 19.0% and Hazen color number 30.

ST catalyst trimerization diisocyanate; quaternary ammonium

hydroxycarboxylate catalyst trimerization; tetramethylammonium hydroxypyropionate catalyst trimerization; HMDI trimerization catalyst; polyisocyanate isocyanurate deriv manuf catalyst; coating weather resistant polyurethane manuf

IT Polyurethanes, preparation
 RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (coatings; catalysts for production of polyisocyanates containing isocyanurate
 groups for use in polyurethane coatings)

IT Carboxylic acids, uses
 RL: CAT (Catalyst use); USES (Uses)
 (hydroxy, quaternary ammonium salts; catalysts for production of polyisocyanates containing isocyanurate groups by partial trimerization of (cyclo)aliphatic diisocyanates)

IT Trimerization catalysts
 (tetraalkylammonium α -hydroxycarboxylates; catalysts for production of polyisocyanates containing isocyanurate groups by partial trimerization of (cyclo)aliphatic diisocyanates)

IT Coating materials
 (weather-resistant, polyurethanes; catalysts for production of polyisocyanates containing isocyanurate groups for use in polyurethane coatings)

IT Quaternary ammonium compounds, uses
 RL: CAT (Catalyst use); USES (Uses)
 (α -hydroxycarboxylates; catalysts for production of polyisocyanates containing isocyanurate groups by partial trimerization of (cyclo)aliphatic diisocyanates)

IT 114434-89-8 865060-95-3 865060-96-4
 RL: CAT (Catalyst use); USES (Uses)
 (catalysts for production of polyisocyanates containing isocyanurate groups
 by partial trimerization of (cyclo)aliphatic diisocyanates)

IT 28574-90-5DP, HMDI trimer, isocyanurate group-containing 53895-32-2DP, IPDI trimer, isocyanurate group-containing
 RL: IMF (Industrial manufacture); PRP (Properties); PREP (Preparation)
 (catalysts for production of polyisocyanates containing isocyanurate groups
 by partial trimerization of (cyclo)aliphatic diisocyanates)

IT 822-06-0, HMDI 4098-71-9, IPDI
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (catalysts for production of polyisocyanates containing isocyanurate groups
 by partial trimerization of (cyclo)aliphatic diisocyanates)

OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
 UPOS.G Date last citing reference entered STN: 13 Jul 2009
 OS.G CAPLUS 2009:792966
 RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
 RE CITED REFERENCES
 (1) Air Products And Chemicals; DE 2631733 A1 1977 CAPLUS
 (2) Basf Aktiengesellschaft; EP 0630928 A 1994 CAPLUS
 (3) Katz; US 5691440 A 1997 CAPLUS

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	6.12	6.34
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.82	-0.82

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STRUCTURE FILE UPDATES: 19 OCT 2009 HIGHEST RN 1189088-37-6
DICTIONARY FILE UPDATES: 19 OCT 2009 HIGHEST RN 1189088-37-6

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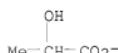
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=> s 114434-89-8/rn
L2          1 114434-89-8/RN

=> d 12

L2  ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2009 ACS on STN
RN  114434-89-8  REGISTRY
ED  Entered STN: 14 May 1988
CN  Methanaminium, N,N,N-trimethyl-, 2-hydroxypropanoate (1:1)  (CA INDEX
    NAME)
OTHER CA INDEX NAMES:
CN  Methanaminium, N,N,N-trimethyl-, salt with 2-hydroxypropanoic acid (1:1)
    (9CI)
CN  Propanoic acid, 2-hydroxy-, ion(1-), N,N,N-trimethylmethanaminium (9CI)
OTHER NAMES:
CN  Tetramethylammonium lactate
MF  C4 H12 N . C3 H5 O3
SR  CA
LC  STN Files: CA, CAPLUS, USPAT2, USPATFULL

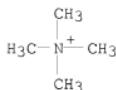
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    CRN  113-21-3
    CMF  C3 H5 O3
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CM 2

CRN 51-92-3
CMF C4 H12 N



13 REFERENCES IN FILE CA (1907 TO DATE)
 13 REFERENCES IN FILE CAPLUS (1907 TO DATE)

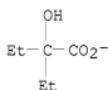
=> s 865060-95-3/rn
 L3 1 865060-95-3/RN

=> d 13

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 865060-95-3 REGISTRY
 ED Entered STN: 11 Oct 2005
 CN Methanaminium, N,N,N-trimethyl-, 2-ethyl-2-hydroxybutanoate (1:1) (CA
 INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Methanaminium, N,N,N-trimethyl-, salt with 2-ethyl-2-hydroxybutanoic acid
 (1:1) (9CI)
 MF C6 H11 O3 . C4 H12 N
 SR CA
 LC STN Files: CA, CAPLUS

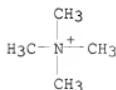
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CRN 114332-28-4
 CMF C6 H11 O3



CM 2

CRN 51-92-3
 CMF C4 H12 N



1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 865060-96-4/rn

L4 1 865060-96-4/RN

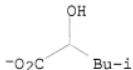
=> d 14

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
RN 865060-96-4 REGISTRY
ED Entered STN: 11 Oct 2005
CN Methanaminium, N,N,N-trimethyl-, 2-hydroxy-4-methylpentanoate (1:1) (CA
INDEX NAME)
OTHER CA INDEX NAMES:
CN Methanaminium, N,N,N-trimethyl-, salt with 2-hydroxy-4-methylpentanoic
acid (1:1) (9CI)
MF C6 H11 O3 . C4 H12 N
SR CA
LC STN Files: CA, CAPLUS

CM 1

CRN 117973-48-5

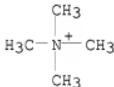
CMF C6 H11 O3



CM 2

CRN 51-92-3

CMF C4 H12 N



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	9.51	15.85
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.82

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FILE COVERS 1907 - 21 Oct 2009 VOL 151 ISS 17

FILE LAST UPDATED: 20 Oct 2009 (20091020/ED)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

Cplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

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<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 12

L5 13 L2

=> d 15

L5 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2009 ACS on STN

AN 2008:1118207 CAPLUS

DN 149:366326

TI Phenolic polymers and photoresists comprising same

IN Cameron, James F.

PA Rohm and Haas Electronic Materials, L.L.C., USA

SO Eur. Pat. Appl., 19pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1970762	A1	20080917	EP 2008-250839	20080312
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	JP 2008287223	A	20081127	JP 2008-60772	20080311
	KR 2008083599	A	20080918	KR 2008-22811	20080312
	US 20080227031	A1	20080918	US 2008-75726	20080312
	CN 101303526	A	20081112	CN 2008-10109247	20080312
PRAI	US 2007-906352P	P	20070312		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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74357 ISOCYANATE

24430 ISOCYANATES

84062 ISOCYANATE

(ISOCYANATE OR ISOCYANATES)

21547 POLYISOCYANATE

18477 POLYISOCYANATES
 32238 POLYISOCYANATE
 (POLYISOCYANATE OR POLYISOCYANATES)
 55015 DIISOCYANATE
 11551 DIISOCYANATES
 59250 DIISOCYANATE
 (DIISOCYANATE OR DIISOCYANATES)
 1296 TRIISOCYANATE
 297 TRIISOCYANATES
 1469 TRIISOCYANATE
 (TRIISOCYANATE OR TRIISOCYANATES)
 L6 1 L5 AND (ISOCYANATE OR POLYISOCYANATE OR DIISOCYANATE OR TRIISOCYANATE)

=> d 16

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 2005:1026976 CAPLUS
 DN 143:326777

TI Catalysts for production of polyisocyanates containing
 isocyanurate groups by partial trimerization of (cyclo)aliphatic
 diisocyanates

IN Binder, Horst; Graf, Hubert; Braun, Frank; Spies, Bernd; Kieslich,
 Heinrich

PA BASF Aktiengesellschaft, Germany
 SO PCT Int. Appl., 25 pp.
 CODEN: PIXXD2

DT Patent
 LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005087828	A1	20050922	WO 2005-EP2483	20050309
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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DE	102004012571	A1	20050929	DE 2004-102004012571	20040312
EP	1727842	A1	20061206	EP 2005-715873	20050309
EP	1727842	B1	20081217		
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CN	1930200	A	20070314	CN 2005-80007924	20050309
JP	2007528885	T	20071018	JP 2007-502286	20050309
AT	417876	T	20090115	AT 2005-715873	20050309
US	20070197759	A1	20070823	US 2006-589659	20060816
PRAI	DE 2004-102004012571	A	20040312		
	WO 2005-EP2483	W	20050309		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS MARPAT 143:326777

OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 15 1

L5 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2008:1118207 CAPLUS
DN 149:366326
TI Phenolic polymers and photoresists comprising same
IN Cameron, James F.
PA Rohm and Haas Electronic Materials, L.L.C., USA
SO Eur. Pat. Appl., 19pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE

PI EP 1970762 A1 20080917 EP 2008-250839 20080312
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU,
IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI,
SK, TR, AL, BA, MK, RS
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US 20080227031 A1 20080918 US 2008-75726 20080312
CN 101303526 A 20081112 CN 2008-10109247 20080312
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ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 15 2

L5 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2006:540086 CAPLUS
DN 145:53314
TI Photoresist compositions containing an acid reaction component
IN Mintz, Joan M.; Kaufman, Michael J.; Jessiman, Norman S.
PA Rohm and Haas Electronic Materials, L.L.C., USA
SO Eur. Pat. Appl., 12 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE

PI EP 1666968 A1 20060607 EP 2005-257252 20051125
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK,
BA, HR, IS, YU
JP 2006163387 A 20060622 JP 2005-339195 20051124
KR 2006063711 A 20060612 KR 2005-117254 20051202
CN 1811595 A 20060802 CN 2005-10128887 20051205
US 20060172225 A1 20060803 US 2005-294816 20051206
US 7498115 B2 20090303
PRAI US 2004-633923P P 20041206
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s 13

L7 1 L3

=> s 14
L8 1 L4

=> file reg
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 14.96 30.81

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL
ENTRY SESSION
CA SUBSCRIBER PRICE 0.00 -0.82

FILE 'REGISTRY' ENTERED AT 11:37:52 ON 21 OCT 2009
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STRUCTURE FILE UPDATES: 19 OCT 2009 HIGHEST RN 1189088-37-6
DICTIONARY FILE UPDATES: 19 OCT 2009 HIGHEST RN 1189088-37-6

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

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conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> s 113-21-3/crn
L9 221 113-21-3/CRN

=> s 51-92-3/crn
L10 9665 51-92-3/CRN

=> s 114332-28-4/crn
L11 1 114332-28-4/CRN

=> s 117973-48-5/crn
L12 1 117973-48-5/CRN

=> d 111

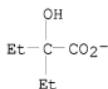
L11 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
RN 865060-95-3 REGISTRY
ED Entered STN: 11 Oct 2005
CN Methanaminium, N,N,N-trimethyl-, 2-ethyl-2-hydroxybutanoate (1:1) (CA
INDEX NAME)
OTHER CA INDEX NAMES:
CN Methanaminium, N,N,N-trimethyl-, salt with 2-ethyl-2-hydroxybutanoic acid
(1:1) (9CI)
MF C6 H11 O3 . C4 H12 N
SR CA

LC STN Files: CA, CAPLUS

CM 1

CRN 114332-28-4

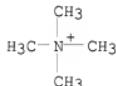
CMF C6 H11 O3



CM 2

CRN 51-92-3

CMF C4 H12 N



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s (l11 or l12 or l19) and l10
L13 3 (L11 OR L12 OR L9) AND L10

=> d l13

L13 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2009 ACS on STN

RN 865060-96-4 REGISTRY

ED Entered STN: 11 Oct 2005

CN Methanaminium, N,N,N-trimethyl-, 2-hydroxy-4-methylpentanoate (1:1) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Methanaminium, N,N,N-trimethyl-, salt with 2-hydroxy-4-methylpentanoic acid (1:1) (9CI)

MF C6 H11 O3 . C4 H12 N

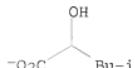
SR CA

LC STN Files: CA, CAPLUS

CM 1

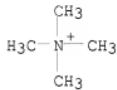
CRN 117973-48-5

CMF C6 H11 O3



CM 2

CRN 51-92-3
CMF C4 H12 N



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus			
COST IN U.S. DOLLARS	SINCE FILE	TOTAL	
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FULL ESTIMATED COST	5.06	35.87	
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL	
	ENTRY	SESSION	
CA SUBSCRIBER PRICE	0.00	-0.82	

FILE 'CAPLUS' ENTERED AT 11:39:16 ON 21 OCT 2009
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FILE COVERS 1907 - 21 Oct 2009 VOL 151 ISS 17
FILE LAST UPDATED: 20 Oct 2009 (20091020/ED)
REVISED CLASS FIELDS (NCL) LAST RELOADED: Aug 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

CAPLUS now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s (19 or 111 or 112) and 110
390 L9
1 L11
1 L12

22201 L10
L14 20 (L9 OR L11 OR L12) AND L10

=> d 114

L14 ANSWER 1 OF 20 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2008:1118207 CAPLUS
DN 149:366326
TI Phenolic polymers and photoresists comprising same
IN Cameron, James F.
PA Rohm and Haas Electronic Materials, L.L.C., USA
SO Eur. Pat. Appl., 19pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE

PI EP 1970762 A1 20080917 EP 2008-250839 20080312
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU,
IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI,
SK, TR, AL, BA, MK, RS
JP 2008287223 A 20081127 JP 2008-60772 20080311
KR 2008083599 A 20080918 KR 2008-22811 20080312
US 20080227031 A1 20080918 US 2008-75726 20080312
CN 101303526 A 20081112 CN 2008-10109247 20080312
PRAI US 2007-906352P P 20070312
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 114 2

L14 ANSWER 2 OF 20 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2006:540086 CAPLUS
DN 145:53314
TI Photoresist compositions containing an acid reaction component
IN Mintz, Joan M.; Kaufman, Michael J.; Jessiman, Norman S.
PA Rohm and Haas Electronic Materials, L.L.C., USA
SO Eur. Pat. Appl., 12 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE

PI EP 1666968 A1 20060607 EP 2005-257252 20051125
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK,
BA, HR, IS, YU
JP 2006163387 A 20060622 JP 2005-339195 20051124
KR 2006063711 A 20060612 KR 2005-117254 20051202
CN 1811595 A 20060802 CN 2005-10128887 20051205
US 20060172225 A1 20060803 US 2005-294816 20051206
US 7498115 B2 20090303
PRAI US 2004-633923P P 20041206
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s 114 and (polyisocyanate or isocyanate or diisocyanate or triisocyanate)
 21547 POLYISOCYANATE
 18477 POLYISOCYANATES
 32238 POLYISOCYANATE
 (POLYISOCYANATE OR POLYISOCYANATES)
 74357 ISOCYANATE
 24430 ISOCYANATES
 84062 ISOCYANATE
 (ISOCYANATE OR ISOCYANATES)
 55015 DIISOCYANATE
 11551 DIISOCYANATES
 59250 DIISOCYANATE
 (DIISOCYANATE OR DIISOCYANATES)
 1296 TRIISOCYANATE
 297 TRIISOCYANATES
 1469 TRIISOCYANATE
 (TRIISOCYANATE OR TRIISOCYANATES)
 L15 1 L14 AND (POLYISOCYANATE OR ISOCYANATE OR DIISOCYANATE OR TRIISOCYANATE)

=> d 115

L15 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN
 AN 2005:1026976 CAPLUS
 DN 143:326777

TI Catalysts for production of polyisocyanates containing
 isocyanurate groups by partial trimerization of (cyclo)aliphatic
 diisocyanates
 IN Binder, Horst; Graf, Hubert; Braun, Frank; Spies, Bernd; Kieslich,
 Heinrich
 PA BASF Aktiengesellschaft, Germany
 SO PCT Int. Appl., 25 pp.
 CODEN: PIXXD2
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005087828	A1	20050922	WO 2005-EP2483	20050309
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KE, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE	102004012571	A1	20050929	DE 2004-102004012571	20040312
EP	1727842	A1	20061206	EP 2005-715873	20050309
EP	1727842	B1	20081217		
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
CN	1930200	A	20070314	CN 2005-80007924	20050309
JP	2007528885	T	20071018	JP 2007-502286	20050309
AT	417876	T	20090115	AT 2005-715873	20050309
US	20070197759	A1	20070823	US 2006-589659	20060816
PRAI	DE 2004-102004012571	A	20040312		
	WO 2005-EP2483	W	20050309		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OS MARPAT 143:326777
OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> file reg			
COST IN U.S. DOLLARS		SINCE FILE	TOTAL
		ENTRY	SESSION
FULL ESTIMATED COST		16.71	52.58
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)		SINCE FILE	TOTAL
		ENTRY	SESSION
CA SUBSCRIBER PRICE		0.00	-0.82

FILE 'REGISTRY' ENTERED AT 11:44:21 ON 21 OCT 2009
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STRUCTURE FILE UPDATES: 19 OCT 2009 HIGHEST RN 1189088-37-6
DICTIONARY FILE UPDATES: 19 OCT 2009 HIGHEST RN 1189088-37-6

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stndoc/properties.html>

=> s tetraacylammonium
L16 0 TETRAACYLAMMONIUM

=> s octly ammonium
0 OCTLY
101517 AMMONIUM
L17 0 OCTLY AMMONIUM
(OCTLY(W)AMMONIUM)

=> s tetraoctlyammonium
L18 0 TETRAOCTLYAMMONIUM

=> s octyl ammonium
289911 OCTYL
101517 AMMONIUM
L19 518 OCTYL AMMONIUM
(OCTYL(W)AMMONIUM)

=> s octlyammonium
L20 0 OCTLYAMMONIUM

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=> s octylammonium
L21          483 OCTYLAMMONIUM

=> s tetra octylammonium
      4583462 TETRA
      15 TETRAS
      4583462 TETRA
      (TETRA OR TETRAS)
      483 OCTYLAMMONIUM
L22          66 TETRA OCTYLAMMONIUM
      (TETRA(%)OCTYLAMMONIUM)
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=> d 122

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L22 ANSWER 1 OF 66 REGISTRY COPYRIGHT 2009 ACS on STN
RN 1163300-49-9 REGISTRY
ED Entered STN: 15 Jul 2009
CN 1-Octanaminium, N,N,N-trioctyl-, salt with benzenemethanol (1:1) (CA
INDEX NAME)
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OTHER NAMES:

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CN Tetraoctylammonium benzylate
MF C32 H68 N . C7 H7 O
SR CA
LC STN Files: CA, CAPLUS
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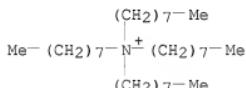
CM 1

CRN 45581-66-6
CMF C7 H7 O

$-\text{O}^-\text{CH}_2-\text{Ph}$

CM 2

CRN 19524-73-3
CMF C32 H68 N



2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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=> s 19524-73-3/crn
L23          266 19524-73-3/CRN
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=> s tetramethylammonium
L24          1684 TETRAMETHYLAMMONIUM
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=> d 124

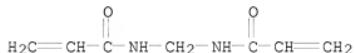
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L24 ANSWER 1 OF 1684 REGISTRY COPYRIGHT 2009 ACS on STN
RN 1161830-93-8 REGISTRY
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ED Entered STN: 10 Jul 2009
CN Methanaminium, N,N,N-trimethyl-, 2-methyl-2-propenoate (1:1), polymer with
N,N'-methylenebis[2-propenamide] and 2-propenoic acid (CA INDEX NAME)
OTHER NAMES:
CN Acrylic acid-tetramethylammonium methacrylate-methylenebisacrylamide
copolymer
MF (C7 H10 N2 O2 . C4 H12 N . C4 H5 O2 . C3 H4 O2)x
CI PMS
PCT Polyacrylic, Polyether
SR CA
LC STN Files: CA, CAPLUS

CM 1

CRN 110-26-9

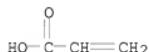
CMF C7 H10 N2 O2



CM 2

CRN 79-10-7

CMF C3 H4 O2



CM 3

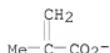
CRN 16431-84-8

CMF C4 H12 N . C4 H5 O2

CM 4

CRN 18358-13-9

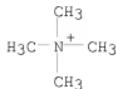
CMF C4 H5 O2



CM 5

CRN 51-92-3

CMF C4 H12 N



1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s tetraethylammonium
 L25 2012 TETRAETHYLLAMMONIUM

=> d 125

L25 ANSWER 1 OF 2012 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 1176164-58-1 REGISTRY
 ED Entered STN: 26 Aug 2009
 CN Ethanaminium, N,N,N-triethyl-, benzenepropanoic acid (1:1) (CA INDEX
 NAME)

OTHER NAMES:

CN Tetraethylammonium 3-phenylpropanoate
 MF C9 H9 O2 . C8 H20 N
 SR CA
 LC STN Files: CA, CAPLUS

CM 1

CRN 826-17-5
 CMF C9 H9 O2

Ph—CH₂—CH₂—CO₂[—]

CM 2

CRN 66-40-0
 CMF C8 H20 N



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s tetrabutylammonium
 L26 1830 TETRABUTYLLAMMONIUM

=> d 126

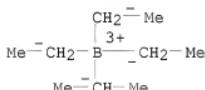
L26 ANSWER 1 OF 1830 REGISTRY COPYRIGHT 2009 ACS on STN
RN 1086118-65-1 REGISTRY
ED Entered STN: 18 Dec 2008
CN 1-Butanaminium, N,N,N-triethyl-, (T-4)-triethyl(1-methylethyl)borate(1-)
(1:1) (CA INDEX NAME)

OTHER NAMES:

CN Tetrabutylammonium triethylisopropylborate
MF C16 H36 N . C9 H22 B
SR CA
LC STN Files: CA, CAPLUS

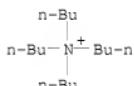
CM 1

CRN 1086118-64-0
CMF C9 H22 B
CCI CCS



CM 2

CRN 10549-76-5
CMF C16 H36 N



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s trimethylbenzylammonium
L27 15 TRIMETHYLBENZYLAMMONIUM

=> d 127

L27 ANSWER 1 OF 15 REGISTRY COPYRIGHT 2009 ACS on STN
RN 375814-53-2 REGISTRY
ED Entered STN: 17 Dec 2001
CN Benzenemethanaminium, N,N,N-trimethyl-, chloroiodoiodate(1-) (9CI) (CA
INDEX NAME)

OTHER NAMES:

CN Trimethylbenzylammonium diiodochloride
MF C10 H16 N . Cl I2
SR CA
LC STN Files: ANABSTR, CA, CAPLUS

CM 1
CRN 17705-05-4
CMF C1 I2

C1—I—I

CM 2
CRN 14800-24-9
CMF C10 H16 N

Me₃N—CH₂—Ph

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s triethylbenzylammonium
L28 16 TRIETHYLBENZYLAMMONIUM

=> d 128

L28 ANSWER 1 OF 16 REGISTRY COPYRIGHT 2009 ACS on STN
RN 375814-55-4 REGISTRY
ED Entered STN: 17 Dec 2001
CN Benzenemethanaminium, N,N,N-triethyl-, chloroiodoiodate(1-) (9CI) (CA
INDEX NAME)
OTHER NAMES:
CN Triethylbenzylammonium diiodochloride
DR 404824-42-6
MF C13 H22 N . C1 I2
SR CA
LC STN Files: ANABSTR, CA, CAPLUS, TOXCENTER

CM 1
CRN 17705-05-4
CMF C1 I2

C1—I—I

CM 2
CRN 16652-03-2
CMF C13 H22 N

Et₃N—CH₂—Ph

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5 REFERENCES IN FILE CA (1907 TO DATE)
5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s tributylbenzylammonium
L29 10 TRIBUTYLBENZYLAMMONIUM

=> d 129

L29 ANSWER 1 OF 10 REGISTRY COPYRIGHT 2009 ACS on STN
RN 1040396-63-1 REGISTRY
ED Entered STN: 12 Aug 2008
CN Benzenemethanaminium, N,N,N-tributyl-, salt with
1,1,1-trifluoro-N-[(trifluoromethyl)sulfonyl]methanesulfonamide (1:1) (CA
INDEX NAME)

OTHER NAMES:

CN Tributylbenzylammonium bis(trifluoromethanesulfonyl)imide

MF C19 H34 N . C2 F6 N O4 S2

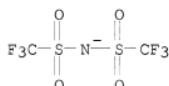
SR CA

LC STN Files: CA, CAPLUS

CM 1

CRN 98837-98-0

CMF C2 F6 N O4 S2



CM 2

CRN 54225-72-8

CMF C19 H34 N

(n-Bu)₃N—CH₂—Ph

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s trimethylethylammonium
L30 19 TRIMETHYLETHYLAMMONIUM

=> d 130

L30 ANSWER 1 OF 19 REGISTRY COPYRIGHT 2009 ACS on STN
RN 1092562-70-3 REGISTRY
ED Entered STN: 05 Jan 2009

CN Ethanaminium, N,N,N-trimethyl-, (2Z)-2-butenedioate (2:1) (CA INDEX NAME)
OTHER NAMES:
CN Bis(trimethylethylammonium) maleate
FS STEREOSEARCH
MF C5 H14 N . 1/2 C4 H2 O4
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

CM 1

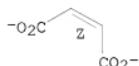
CRN 15302-88-2
CMF C5 H14 N



CM 2

CRN 142-44-9
CMF C4 H2 O4

Double bond geometry as shown.



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s tributylethylammonium
L31 17 TRIBUTYLETHYLAMMONIUM

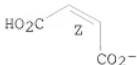
=> d 131

L31 ANSWER 1 OF 17 REGISTRY COPYRIGHT 2009 ACS on STN
RN 1092562-84-9 REGISTRY
ED Entered STN: 05 Jan 2009
CN 1-Butanaminium, N,N-dibutyl-N-ethyl-, potassium (2Z)-2-butenedioate
(1:1:1) (CA INDEX NAME)
OTHER NAMES:
CN Potassium tributylethylammonium maleate
FS STEREOSEARCH
MF C14 H32 N . C4 H3 O4 . K
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

CM 1

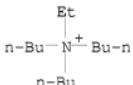
CRN 18610-42-9
CMF C4 H3 O4

Double bond geometry as shown.



CM 2

CRN 16208-32-5
CMF C14 H32 N



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s triethylmethylammonium
L32 93 TRIETHYLMETHYLAMMONIUM

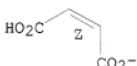
=> d 132

L32 ANSWER 1 OF 93 REGISTRY COPYRIGHT 2009 ACS on STN
RN 1092562-71-4 REGISTRY
ED Entered STN: 05 Jan 2009
CN Ethanaminium, N,N-diethyl-N-methyl-, potassium (2Z)-2-butenedioate (1:1:1)
(CA INDEX NAME)
OTHER NAMES:
CN Potassium triethylmethylammonium maleate
FS STEREOSEARCH
MF C7 H18 N . C4 H3 O4 . K
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 18610-42-9
CMF C4 H3 O4

Double bond geometry as shown.



CM 2

CRN 302-57-8
CMF C7 H18 N



1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

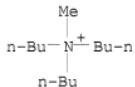
=> s tributylmethylammonium
 L33 37 TRIBUTYLMETHYLAMMONIUM

=> d 133

L33 ANSWER 1 OF 37 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 1092562-81-6 REGISTRY
 ED Entered STN: 05 Jan 2009
 CN 1-Butanaminium, N,N-dibutyl-N-methyl-, potassium (2Z)-2-butenedioate
 (1:1:1) (CA INDEX NAME)
 OTHER NAMES:
 CN Potassium tributylmethylammonium maleate
 FS STEREOSEARCH
 MF C13 H30 N . C4 H3 O4 . K
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

CM 1

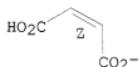
CRN 29814-63-9
 CMF C13 H30 N



CM 2

CRN 18610-42-9
 CMF C4 H3 O4

Double bond geometry as shown.



1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s diisopropyl-diethylammonium
 L34 0 DIISOPROPYLDIETHYLAMMONIUM

=> s diisopropyl diethyl ammonium
13977 DIISOPROPYL
1013832 DIETHYL
101517 AMMONIUM
L35 0 DIISOPROPYL DIETHYL AMMONIUM
(DIISOPROPYL(W)DIETHYL(W)AMMONIUM)

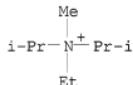
=> s diisopropyl ethyl methyl ammonium
13977 DIISOPROPYL
14263192 ETHYL
17 ETHYLS
14263192 ETHYL
(ETHYL OR ETHYLS)
30772696 METHYL
99 METHYLS
30772696 METHYL
(METHYL OR METHYLS)
101517 AMMONIUM
L36 1 DIISOPROPYL ETHYL METHYL AMMONIUM
(DIISOPROPYL(W)ETHYL(W)METHYL(W)AMMONIUM)

=> d 136

L36 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
RN 769158-60-3 REGISTRY
ED Entered STN: 26 Oct 2004
CN 2-Propanaminium, N-ethyl-N-methyl-N-(1-methylethyl)-, sulfate (1:1) (CA
INDEX NAME)
OTHER NAMES:
CN Diisopropylethylmethylammonium hydrogen sulfate
MF C9 H22 N . H O4 S
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

CM 1

CRN 68714-15-8
CMF C9 H22 N



CM 2

CRN 14996-02-2
CMF H O4 S



1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

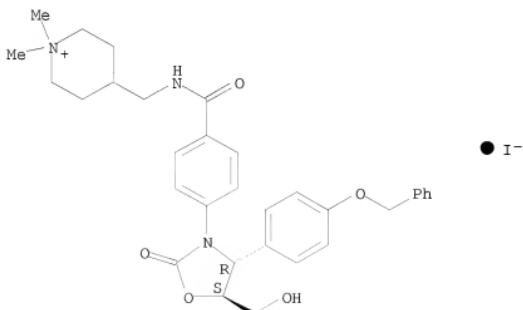
=> s diisopropyl ethyl benzyl ammonium
 13977 DIIISOPROPYL
 14263192 ETHYL
 17 ETHYLS
 14263192 ETHYL
 (ETHYL OR ETHYLS)
 346277 BENZYL
 9 BENZYLS
 346277 BENZYL
 (BENZYL OR BENZYLS)
 101517 AMMONIUM
 L37 0 DIIISOPROPYL ETHYL BENZYL AMMONIUM
 (DIIISOPROPYL(W)ETHYL(W)BENZYL(W)AMMONIUM)

=> s dimethylpiperidinium
 L38 649 DIMEETHYLPIPERIDINIUM

=> d 138

L38 ANSWER 1 OF 649 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 1048011-77-3 REGISTRY
 ED Entered STN: 09 Sep 2008
 CN Piperidinium, 4-[[[4-[(4R,5S)-5-(hydroxymethyl)-2-oxo-4-[4-(phenylmethoxy)phenyl]-3-oxazolidinyl]benzoyl]amino]methyl]-1,1-dimethyl-, iodide (1:1) (CA INDEX NAME)
 OTHER NAMES:
 CN 4-[[[4-[(4R,5S)-4-[4-(Benzyl)phenyl]-5-(hydroxymethyl)-2-oxooxazolidin-3-yl]benzoyl]amino]methyl]-1,1-dimethylpiperidinium iodide
 FS STEREOSEARCH
 MF C32 H38 N3 O5 . I
 SR CA
 LC STN Files: CA, CAPLUS
 CRN (1048110-92-4)

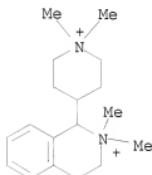
Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

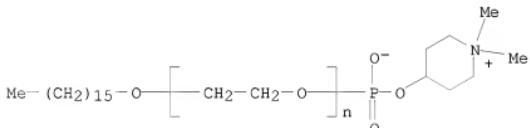
=> d 138 2

L38 ANSWER 2 OF 649 REGISTRY COPYRIGHT 2009 ACS on STN
RN 1043875-72-4 REGISTRY
ED Entered STN: 26 Aug 2008
CN Isoquinolinium, 1-(1,1-dimethylpiperidinium-4-yl)-1,2,3,4-tetrahydro-
2,2-dimethyl- (CA INDEX NAME)
MF C18 H30 N2
SR Other Sources
Database: ChemDB (University of California Irvine)
LC STN Files: CHEMCATS



=> d 138 3

L38 ANSWER 3 OF 649 REGISTRY COPYRIGHT 2009 ACS on STN
RN 943023-52-7 REGISTRY
ED Entered STN: 20 Jul 2007
CN Poly(oxy-1,2-ethanediyl), α -[[(1,1-dimethylpiperidinium-4-
yl)oxy]hydroxypyrophosphinyl]- ω -(hexadecyloxy)-, inner salt (CA
INDEX NAME)
MF (C₂ H₄ O)_n C₂₃ H₄₈ N O₄ P
CI PMS
PCT Polyether
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 138 4

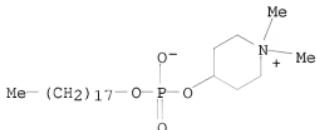
L38 ANSWER 4 OF 649 REGISTRY COPYRIGHT 2009 ACS on STN
RN 933064-09-6 REGISTRY
ED Entered STN: 29 Apr 2007
CN 2H-Tetrazolium, 3-(1-naphthalenyl)-2,5-diphenyl-, chloride (1:1),
mixt. with 4-[(hydroxy(octadecyloxy)phosphinyl)oxy]-1,1-
dimethylpiperidinium inner salt (CA INDEX NAME)

OTHER NAMES:

CN D-21266-Tetrazolium violet mixture
MF C25 H52 N O4 P . C23 H17 N4 . Cl
CI MXS
SR CA
LC STN Files: CA, CAPLUS

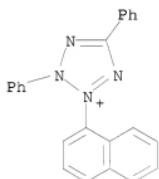
CM 1

CRN 157716-52-4
CMF C25 H52 N O4 P



CM 2

CRN 1719-71-7 (134102-55-9)
CMF C23 H17 N4 . Cl



● Cl-

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

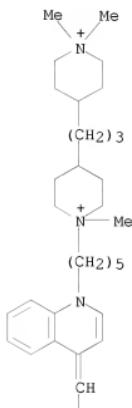
=> s dimethyl piperidinium
7918911 DIMETHYL
4 DIMETHYLS
7918911 DIMETHYL
(DIMETHYL OR DIMETHYLS)

22714 PIPERIDINIUM
L39 650 DIMETHYL PIPERIDINIUM
(DIMETHYL(W)PIPERIDINIUM)

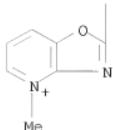
=> d 138 5

L38 ANSWER 5 OF 649 REGISTRY COPYRIGHT 2009 ACS on STN
RN 928817-27-0 REGISTRY
ED Entered STN: 30 Mar 2007
CN Oxazolo[4,5-b]pyridinium, 2-[(1-[5-(4-[3-(1,1-dimethylpiperidinium-4-yl)propyl]-1-methylpiperidinio)pentyl]-4(1H)-quinolinylidene)methyl]-4-methyl- (CA INDEX NAME)
MF C38 H56 N5 O
CI COM
SR CA

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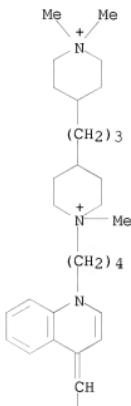


=> d 138 6

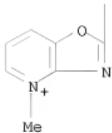
L38 ANSWER 6 OF 649 REGISTRY COPYRIGHT 2009 ACS on STN

RN 928817-26-9 REGISTRY
 ED Entered STN: 30 Mar 2007
 CN Oxazolo[4,5-b]pyridinium, 2-[(1-[4-[3-(1,1-dimethylpiperidinium-4-yl)propyl]-1-methylpiperidinio]butyl)-4(1H)-quinolinylidene]methyl]-4-methyl- (CA INDEX NAME)
 MF C37 H54 N5 O
 CI COM
 SR CA

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PAGE 2-A

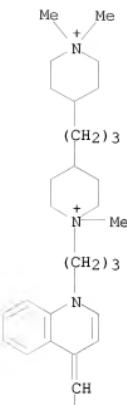


=> d 138 7

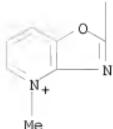
L38 ANSWER 7 OF 649 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 928817-25-8 REGISTRY
 ED Entered STN: 30 Mar 2007
 CN Oxazolo[4,5-b]pyridinium, 2-[(1-[3-(4-[3-(1,1-dimethylpiperidinium-4-yl)propyl]-1-methylpiperidinio)propyl]-4(1H)-quinolinylidene]methyl]-4-methyl- (CA INDEX NAME)
 MF C36 H52 N5 O
 CI COM

SR CA

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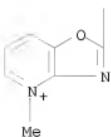
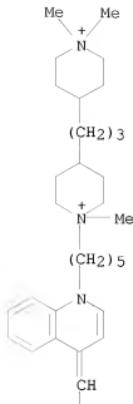


=> d 138 8

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L38 ANSWER 8 OF 649 REGISTRY COPYRIGHT 2009 ACS on STN
RN 928757-05-5 REGISTRY
ED Entered STN: 30 Mar 2007
CN Oxazolo[4,5-b]pyridinum, 2-[[1-[5-(4-[3-(1,1-dimethylpiperidinium-4-
yl)propyl]-1-methylpiperidinolpentyl]-4(1H)-quinolinylidene)methyl]-4-
methyl-, iodide (1:3) (CA INDEX NAME)
MF C38 H56 N5 O . 3 I
SR CA
LC STN Files: CA, CAPLUS
CRN (928817-27-0)

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● 3 I⁻

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

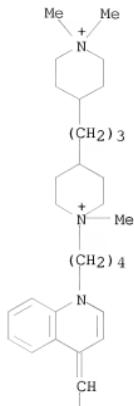
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 138 9

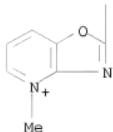
L38 ANSWER 9 OF 649 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 928757-04-4 REGISTRY
 ED Entered STN: 30 Mar 2007
 CN Oxazolo[4,5-b]pyridinium, 2-[(1-[4-(4-[3-(1,1-dimethylpiperidinium-4-yl)propyl]-1-methylpiperidinio)butyl]-4(1H)-quinolinylidene)methyl]-4-methyl-, iodide (1:3) (CA INDEX NAME)
 MF C37 H54 N5 O . 3 I
 SR CA

LC STN Files: CA, CAPLUS
CRN (928817-26-9)

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●3 I-

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

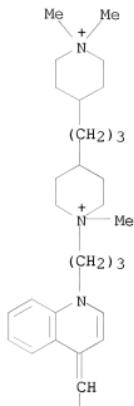
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 138 10

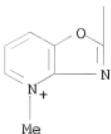
L38 ANSWER 10 OF 649 REGISTRY COPYRIGHT 2009 ACS on STN
RN 928757-03-3 REGISTRY
ED Entered STN: 30 Mar 2007
CN Oxazolo[4,5-b]pyridinium, 2-[(1-[3-[4-(3-(1,1-dimethylpiperidinium-4-yl)propyl)-1-methylpiperidinio]propyl]-4(1H)-quinolinylidene)methyl]-4-

methyl-, iodide (1:3) (CA INDEX NAME)
MF C36 H52 N5 O . 3 I
SR CA
LC STN Files: CA, CAPLUS
CRN (928817-25-8)

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●3 I-

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 138 11

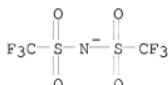
L38 ANSWER 11 OF 649 REGISTRY COPYRIGHT 2009 ACS on STN
RN 927820-62-0 REGISTRY

ED Entered STN: 21 Mar 2007
CN Piperidinium, 1,1-dimethyl-, salt with
 1,1,1-trifluoro-N-[(trifluoromethyl)sulfonyl]methanesulfonamide (1:1) (CA
 INDEX NAME)

OTHER NAMES:
CN N-Dimethylpiperidinium bis(trifluoromethanesulfonyl)imide
MF C7 H16 N . C2 F6 N O4 S2
SR CA
LC STN Files: CA, CAPLUS

CM 1

CRN 98837-98-0
CMF C2 F6 N O4 S2



CM 2

CRN 15302-91-7
CMF C7 H16 N



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s dimethyl morpholinium
 7918911 DIMETHYL
 4 DIMETHYLS
 7918911 DIMETHYL
 (DIMETHYL OR DIMETHYLS)
 11983 MORPHOLINIUM
L40 92 DIMETHYL MORPHOLINIUM
 (DIMETHYL (W)MORPHOLINIUM)

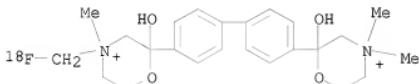
=> d 140

L40 ANSWER 1 OF 92 REGISTRY COPYRIGHT 2009 ACS on STN
RN 938063-60-6 REGISTRY
ED Entered STN: 20 Jun 2007
CN Morpholinium, 4-(fluoro-18F-methyl)-2-hydroxy-2-[4'-(2-hydroxy-4,4-
 dimethylmorpholinium-2-yl)[1,1'-biphenyl]-4-yl]-4-methyl-, iodide, salt
 with 1,1,1-trifluoromethanesulfonic acid (1:1:1) (CA INDEX NAME)

MF C24 H33 F N2 O4 . C F3 O3 S . I
SR CA
LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER

CM 1

CRN 938063-59-3
CMF C24 H33 F N2 04



CM 3

CRN 37181-39-8
CMF C F3 Q3 S

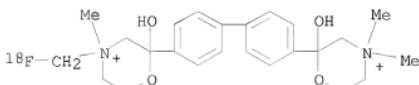


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CPLUS (1907 TO DATE)

=> d 140 2

L40 ANSWER 2 OF 92 REGISTRY COPYRIGHT 2009 ACS on STN
RN 938063-59-3 REGISTRY
ED Entered STN: 20 Jun 2007
CN Morphinium, 4-(fluoro-18F-methyl)-2-hydroxy-2-[4'-(2-hydroxy-4,4-dimethylmorpholinium-2-yl)[1,1'-biphenyl]-4-yl]-4-methyl- (CA INDEX NAME)
MF C24 H33 F N2 O4
CI COM
SR CA



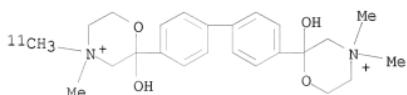
⇒ d. 140. 3

L40 ANSWER 3 OF 92 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 938063-56-0 REGISTRY
 ED Entered STN: 20 Jun 2007
 CN Morpholinium, 2-hydroxy-2-[4'-(2-hydroxy-4,4-dimethylmorpholinium-2-yl)[1,1'-biphenyl]-4-yl]-4-methyl-4-(methyl-11C)-, iodide, salt with 1,1,1-trifluoromethanesulfonic acid (1:1:1) (CA INDEX NAME)
 MF C24 H34 N2 O4 . C F3 O3 S . I
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER

CM 1

CRN 938063-55-9

CMF C24 H34 N2 O4



CM 2

CRN 37181-39-8

CMF C F3 O3 S



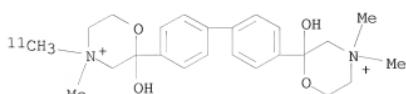
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 140 4

L40 ANSWER 4 OF 92 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 938063-55-9 REGISTRY
 ED Entered STN: 20 Jun 2007
 CN Morpholinium, 2-hydroxy-2-[4'-(2-hydroxy-4,4-dimethylmorpholinium-2-yl)[1,1'-biphenyl]-4-yl]-4-methyl-4-(methyl-11C)- (CA INDEX NAME)
 MF C24 H34 N2 O4
 CI COM
 SR CA



=> d 140 5

L40 ANSWER 5 OF 92 REGISTRY COPYRIGHT 2009 ACS on STN
RN 352556-72-0 REGISTRY

ED Entered STN: 24 Aug 2001

CN Morpholinium, 4,4-dimethyl-, salt with
2,2'-(4-oxo-2H-cyclopenta[2,1-b:3,4-b']dithiophene-2,6(4H)-
diylidene)bis[propanedinitrile] (1:2) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Propanedinitrile, 2,2'-(4-oxo-2H-cyclopenta[2,1-b:3,4-b']dithiophene-
2,6(4H)-diylidene)bis-, radical ion(1-), 4,4-dimethylmorpholinium, compd.
with 2,2'-(4-oxo-2H-cyclopenta[2,1-b:3,4-b']dithiophene-2,6(4H)-
diylidene)bis[propanedinitrile] (1:1) (9CI)

MF C15 H2 N4 O S2 . C15 H2 N4 O S2 . C6 H14 N O

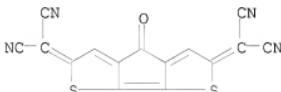
SR CA

LC STN Files: CA, CAPLUS

CM 1

CRN 209348-33-4

CMF C15 H2 N4 O S2



CM 2

CRN 352556-71-9

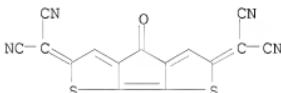
CMF C15 H2 N4 O S2 . C6 H14 N O

CM 3

CRN 209348-31-2

CMF C15 H2 N4 O S2

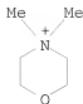
CCI RIS



CM 4

CRN 38170-33-1

CMF C6 H14 N O

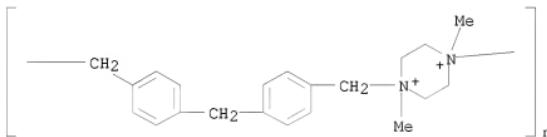


1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s dimethyl piperazinium
 7918911 DIMETHYL
 4 DIMETHYLS
 7918911 DIMETHYL
 (DIMETHYL OR DIMETHYLS)
 7305 PIPERAZINIUM
 L41 482 DIMETHYL PIPERAZINIUM
 (DIMETHYL(W)PIPERAZINIUM)

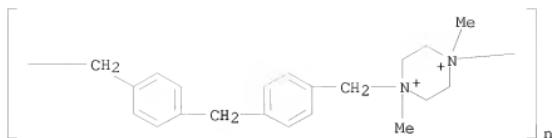
=> d 141

L41 ANSWER 1 OF 482 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 1152811-03-4 REGISTRY
 ED Entered STN: 07 Jun 2009
 CN Poly[(1,4-dimethylpiperazinium-1,4-diyl)methylene-1,4-
 phenylenemethylene-1,4-phenylenemethylene] (CA INDEX NAME)
 MF (C21 H28 N2)n
 CI PMS, COM
 PCT Polyionene
 SR CA



=> d 141 2

L41 ANSWER 2 OF 482 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 1152722-58-1 REGISTRY
 ED Entered STN: 05 Jun 2009
 CN Poly[(1,4-dimethylpiperazinium-1,4-diyl)methylene-1,4-
 phenylenemethylene-1,4-phenylenemethylene chloride (1:2)] (CA INDEX
 NAME)
 MF (C21 H28 N2)n . 2 Cl
 AF (C21 H28 N2 . 2 Cl)n
 CI PMS
 PCT Polyionene
 SR CA
 LC STN Files: CA, CAPLUS
 CRN (1152811-03-4)



●2 Cl⁻

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

```
=> logoff
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:n

=> s glycolic acid
      3064 GLYCOLIC
      12552555 ACID
      8521 ACIDS
      12558696 ACID
      (ACID OR ACIDS)
L42      3020 GLYCOLIC ACID
      (GLYCOLIC(W)ACID)

=> d 142

L42  ANSWER 1 OF 3020  REGISTRY  COPYRIGHT 2009 ACS on STN
RN  1169686-52-5  REGISTRY
ED  Entered STN: 27 Jul 2009
CN  Butanoic acid, 4-amino-, polymer with 2-hydroxyacetic acid and
  2-hydroxypropanoic acid (CA INDEX NAME)
OTHER NAMES:
CN  Lactic acid-glycolic acid-γ-aminobutyric acid copolymer
MF  (C4 H9 N O2 . C3 H6 O3 . C2 H4 O3)x
CI  PMS
PCT  Polyamide, Polyamide formed, Polyester, Polyester formed
SR  CA
LC  STN Files: CA, CAPLUS

CM    1
CRN  79-14-1
CMF  C2 H4 O3
```



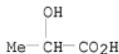
CM 2

CRN 56-12-2
CMF C4 H9 N O2

$$\text{H}_2\text{N}-\text{(CH}_2\text{)}_3-\text{CO}_2\text{H}$$

CM 3

CRN 50-21-5
CMF C3 H6 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

```

=> logoff
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:y
COST IN U.S. DOLLARS                               SINCE FILE      TOTAL
                                                    ENTRY        SESSION
FULL ESTIMATED COST                           300.18        352.76

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)      SINCE FILE      TOTAL
                                                    ENTRY        SESSION
CA SUBSCRIBER PRICE                            0.00          -0.82

```

STN INTERNATIONAL LOGOFF AT 12:05:49 ON 21 OCT 2009